What is claimed is:

- 1. A recording apparatus for recording digital
- 2 content onto an optical disk, comprising:
- 3 an accepting unit operable to accept from a user an
- 4 indication whether the optical disk is intended for
- 5 consumer use or industrial use;
- 6 an encrypting unit operable to encrypt the digital
- 7 content, using a different encryption method depending
- 8 on whether the optical disk is intended for consumer use
- 9 or industrial use;
- a first writing unit operable to, when the optical
- 11 disk is intended for consumer use, (a) generate a first
- 12 area on the optical disk, and (b) write the encrypted
- 13 digital content to the first area; and
- 14 a second writing unit operable to, when the optical
- 15 disk is intended for industrial use, (a) generate a first
- 16 area and a second area on the optical disk, (b) write the
- 17 encrypted digital content to the second area, and (c) write
- 18 message data to the first area,
- 19 wherein the message data indicates that the digital
- 20 content cannot be reproduced by a consumer reproduction
- 21 apparatus.
 - The recording apparatus of Claim 1,
- wherein the encryption method for consumer use is

- 3 to encrypt the digital content using a first content key
- 4 which is to be encrypted using a disk key unique to the
- 5 optical disk, and
- 6 the encryption method for industrial use is to
- 7 encrypt the digital content using a second content key
- 8 which is to be encrypted using a device key unique to an
- 9 industrial reproduction apparatus.
- The recording apparatus of Claim 1,
- 2 wherein the message data includes a plurality of
- 3 character strings which are each written in a different
 - language, and
- 5 each character string indicates that the digital
- 6 content cannot be reproduced by the consumer reproduction
 - apparatus.
- 4. A recording apparatus for recording digital
- 2 content onto an optical disk which has a first entry area
- 3 and a second entry area, the first entry area being an
- 4 area that is to be first accessed when the optical disk
- 5 is loaded to a consumer reproduction apparatus, and the
- 6 second entry area being an area that is to be first accessed
- 7 when the optical disk is loaded to an industrial
- 8 reproduction apparatus, the recording apparatus
- 9 comprising:

an accepting unit operable to accept from a user an indication whether the optical disk is intended for consumer use or industrial use:

an encrypting unit operable to encrypt the digital
content, according to a different encryption method
depending on whether the optical disk is intended for
consumer use or industrial use;

a first writing unit operable to, when the optical disk is intended for consumer use, (a) write the encrypted digital content to the optical disk, and (b) write a jump command which designates the digital content as a jump destination, to the first entry area; and

a second writing unit operable to, when the optical disk is intended for industrial use, (a) write the encrypted digital content and message data to the optical disk, (b) write a jump command which designates the message data as a jump destination, to the first entry area, and (c) write a jump command which designates the digital content as a jump destination, to the second entry area,

wherein the message data indicates that the digital
content cannot be reproduced by the consumer reproduction
apparatus.

5. An optical disk that has a first area and a second
 area, and is intended for consumer use or industrial use,

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3 wherein

4 digital content is recorded in the first area if the

5 optical disk is intended for consumer use, and

 $6 \hspace{1cm} \hbox{the digital content is recorded in the second area} \\$

7 and message data is recorded in the first area, if the

8 optical disk is intended for industrial use,

9 wherein the message data indicates that the digital

10 content cannot be reproduced by a consumer reproduction

11 apparatus.

6. An optical disk which has a first entry area and a second entry area and on which digital content is recorded, wherein

the first entry area is an area to be first accessed
when the optical disk is loaded to a consumer reproduction
apparatus, while the second entry area is an area to be

7 first accessed when the optical disk is loaded to an

industrial reproduction apparatus,

a jump command that designates the digital content
as a jump destination is written in the first entry area,
if the optical disk is intended for consumer use, and
a jump command that designates message data as a jump
destination is written in the first entry area, and a jump

14 command that designates the digital content as a jump

15 destination is written in the second entry area, if the

- 16 optical disk is intended for industrial use,
- 17 wherein the message data indicates that the digital
- 18 content cannot be reproduced by the consumer reproduction
- 19 apparatus.
- 7. A recording method for recording digital content
- 2 onto an optical disk, comprising:
- 3 an accepting step for accepting from a user an
- 4 indication whether the optical disk is intended for
- 5 consumer use or industrial use:
- 6 an encrypting step for encrypting the digital
- 7 content, using a different encryption method depending
- 8 on whether the optical disk is intended for consumer use
- 9 or industrial use;
- 10 a first writing step for, when the optical disk is
- 11 intended for consumer use, (a) generating a first area
- 12 on the optical disk, and (b) writing the encrypted digital
- 13 content to the first area; and
- 14 a second writing step for, when the optical disk is
- 15 intended for industrial use, (a) generating a first area
- 16 and a second area on the optical disk, (b) writing the
- 17 encrypted digital content to the second area, and (c)
- 18 writing message data to the first area,
- 19 wherein the message data indicates that the digital
- 20 content cannot be reproduced by a consumer reproduction

21 apparatus.

- 8. The recording method of Claim 7,
- 2 wherein the encryption method for consumer use is
- 3 to encrypt the digital content using a first content key
- 4 which is to be encrypted using a disk key unique to the
- 5 optical disk, and
- 6 the encryption method for industrial use is to
- 7 encrypt the digital content using a second content key
- 8 which is to be encrypted using a device key unique to an
 - industrial reproduction apparatus.
- 9. The recording method of Claim 7,
- wherein the message data includes a plurality of
- 3 character strings which are each written in a different
- 4 language, and
- 5 each character string indicates that the digital
- 6 content cannot be reproduced by the consumer reproduction
- 7 apparatus.
- 1 10. A computer-readable storage medium storing a
- 2 computer program for recording digital content onto an
- 3 optical disk, the computer program comprising
- 4 an accepting step for accepting from a user an
- 5 indication whether the optical disk is intended for

- 6 consumer use or industrial use;
- 7 an encrypting step for encrypting the digital
- 8 content, using a different encryption method depending
- 9 on whether the optical disk is intended for consumer use
- 10 or industrial use;
- 11 a first writing step for, when the optical disk is
- 12 intended for consumer use, (a) generating a first area
- 13 on the optical disk, and (b) writing the encrypted digital
- 14 content to the first area; and
- 15 a second writing step for, when the optical disk is
- 16 intended for industrial use, (a) generating a first area
- 17 and a second area on the optical disk, (b) writing the
- 18 encrypted digital content to the second area, and (c)
- 19 writing message data to the first area,
- 20 wherein the message data indicates that the digital
- 21 content cannot be reproduced by a consumer reproduction
- 22 apparatus.
- 1 11. The storage medium of Claim 10,
- wherein the encryption method for consumer use is
- 3 to encrypt the digital content using a first content key
- 4 which is to be encrypted using a disk key unique to the
- 5 optical disk, and
- 6 the encryption method for industrial use is to
- 7 encrypt the digital content using a second content key

- 8 which is to be encrypted using a device key unique to an
- 9 industrial reproduction apparatus.
- 1 12. The storage medium of Claim 10,
- wherein the message data includes a plurality of
- 3 character strings which are each written in a different
- 4 language, and
- 5 each character string indicates that the digital
- ${f 6}$ content cannot be reproduced by the consumer reproduction
- 7 apparatus.